

FIG. 1: SYSTEM ARCHITECTURE OF SKILL MANAGEMENT SYSTEM

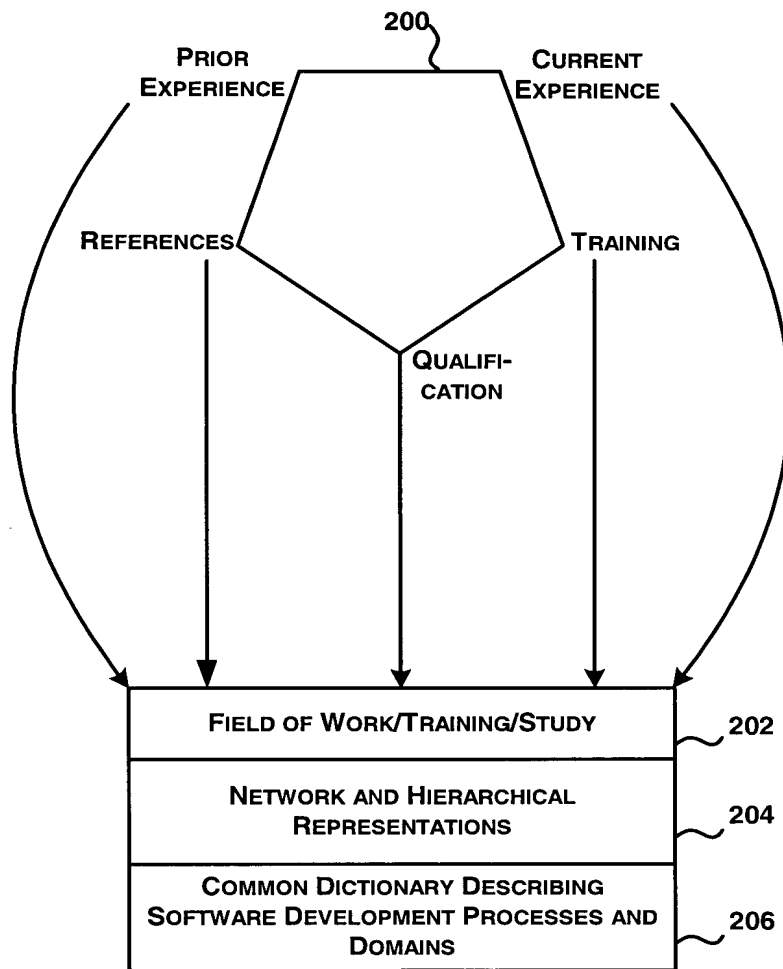


FIG. 2: KEY ELEMENTS OF SMS AND THEIR DESCRIPTION

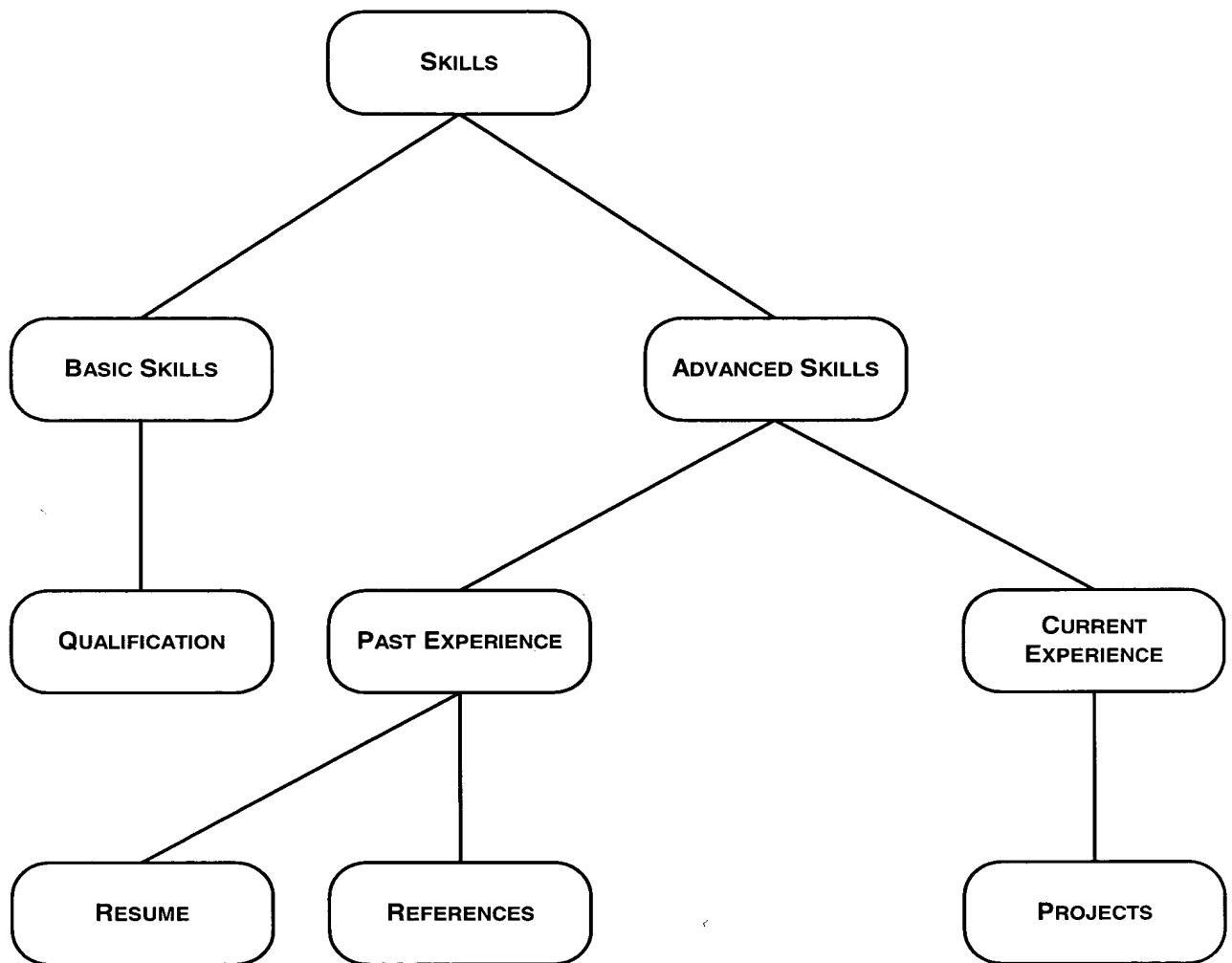


FIG. 3: DIFFERENT KINDS OF SKILLS

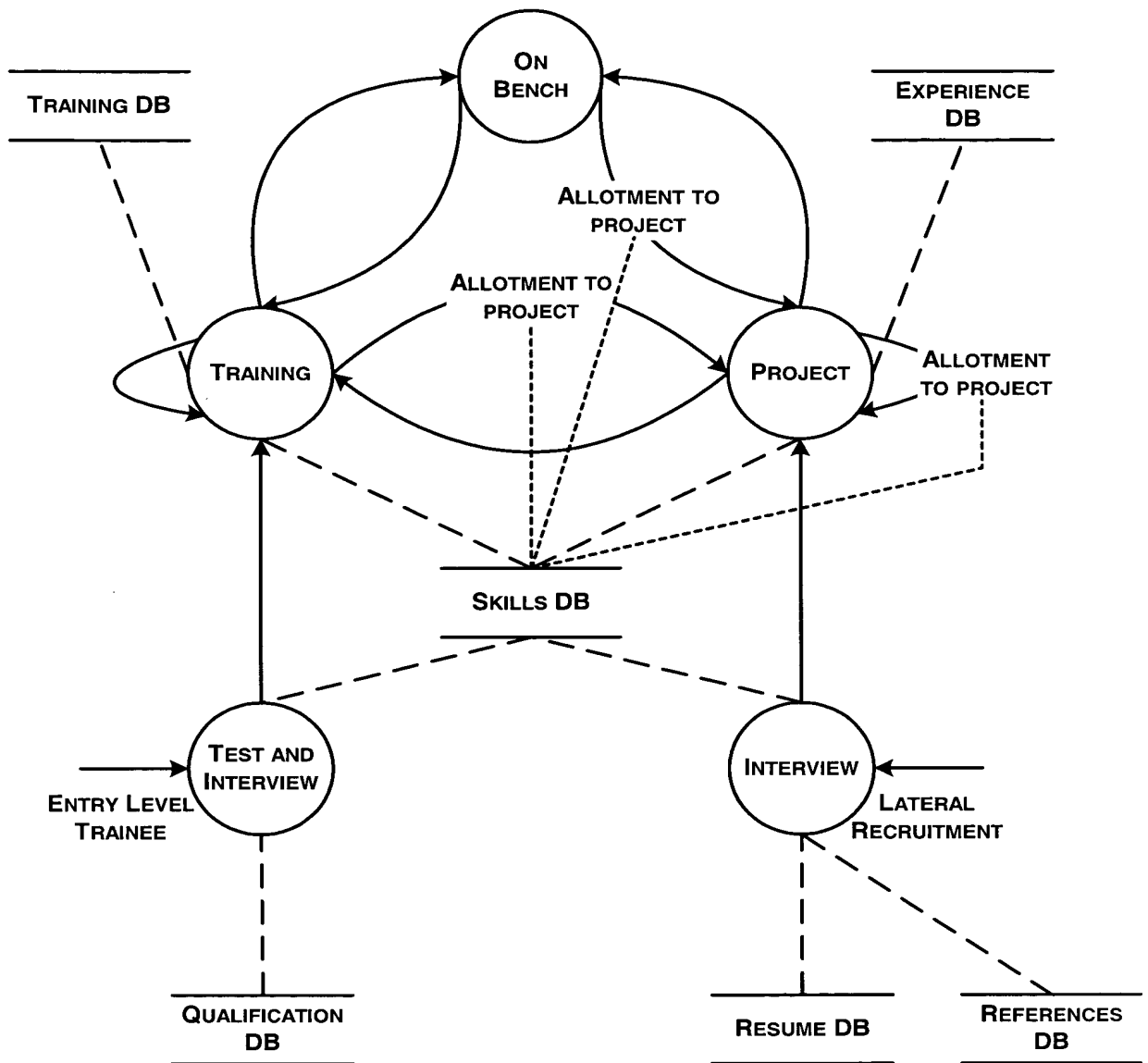


FIG. 4: A TYPICAL WORKFLOW

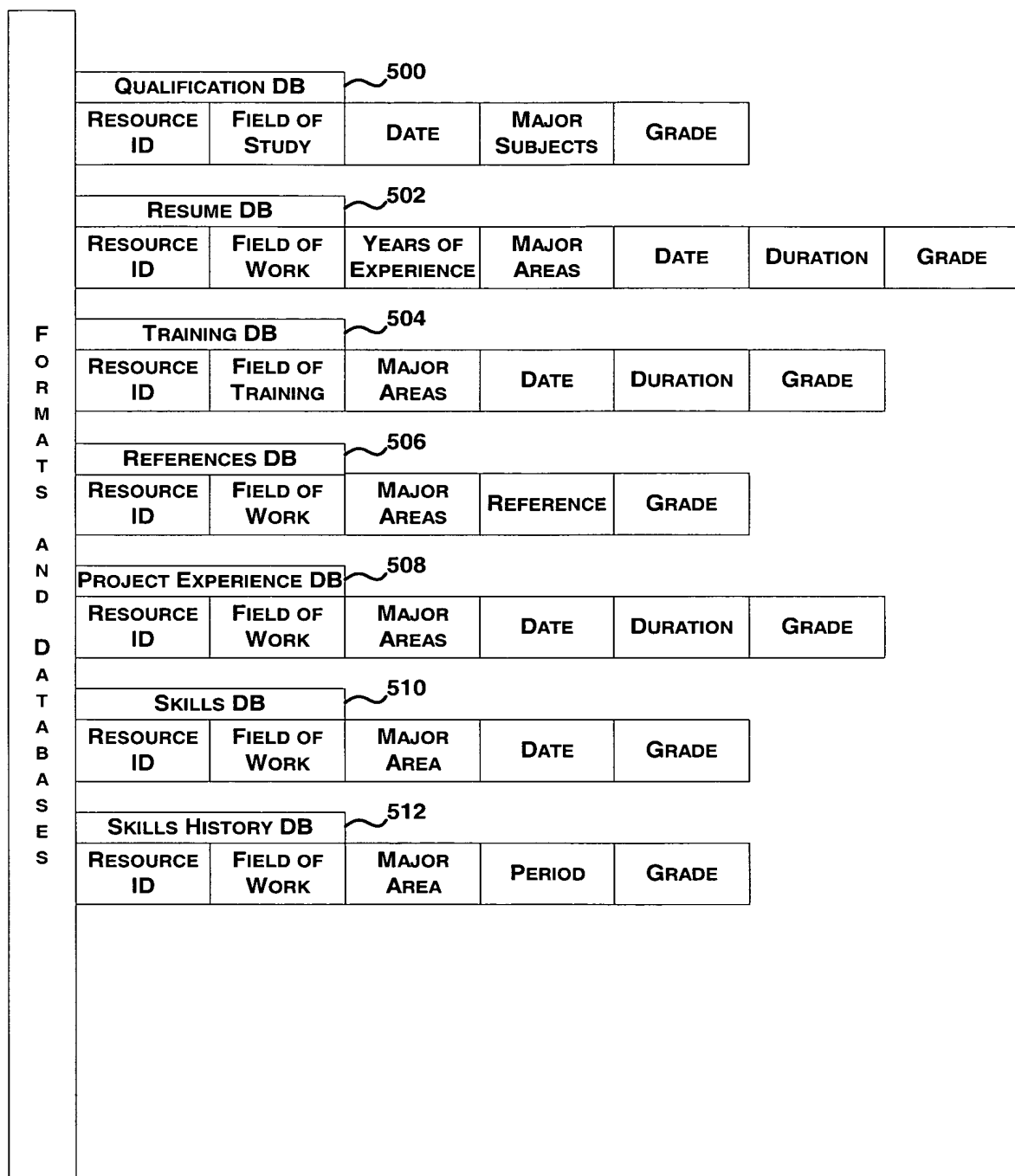


FIG. 5: DESCRIPTION OF DATABASES

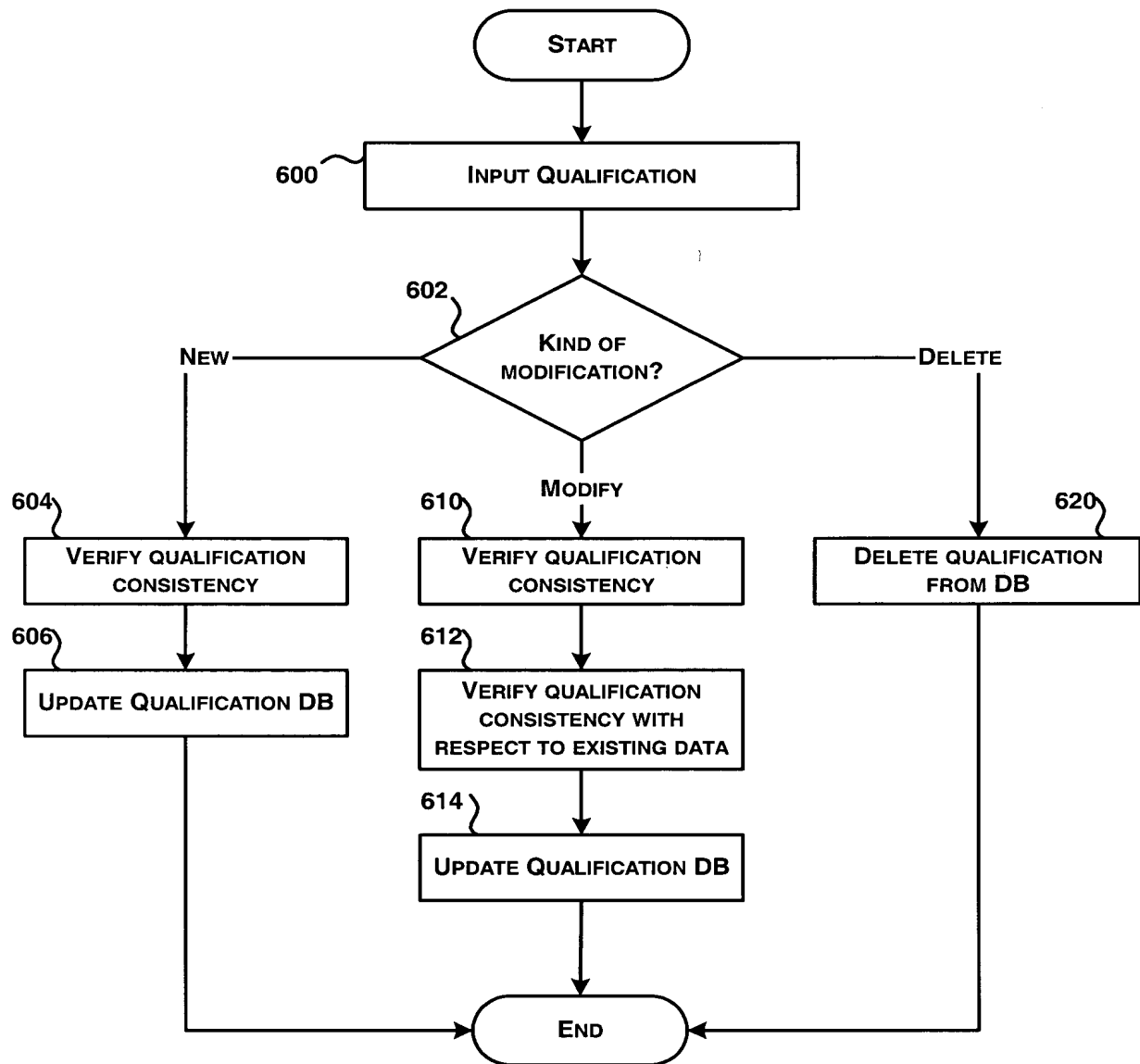


FIG. 6: QUALIFICATION MANAGEMENT

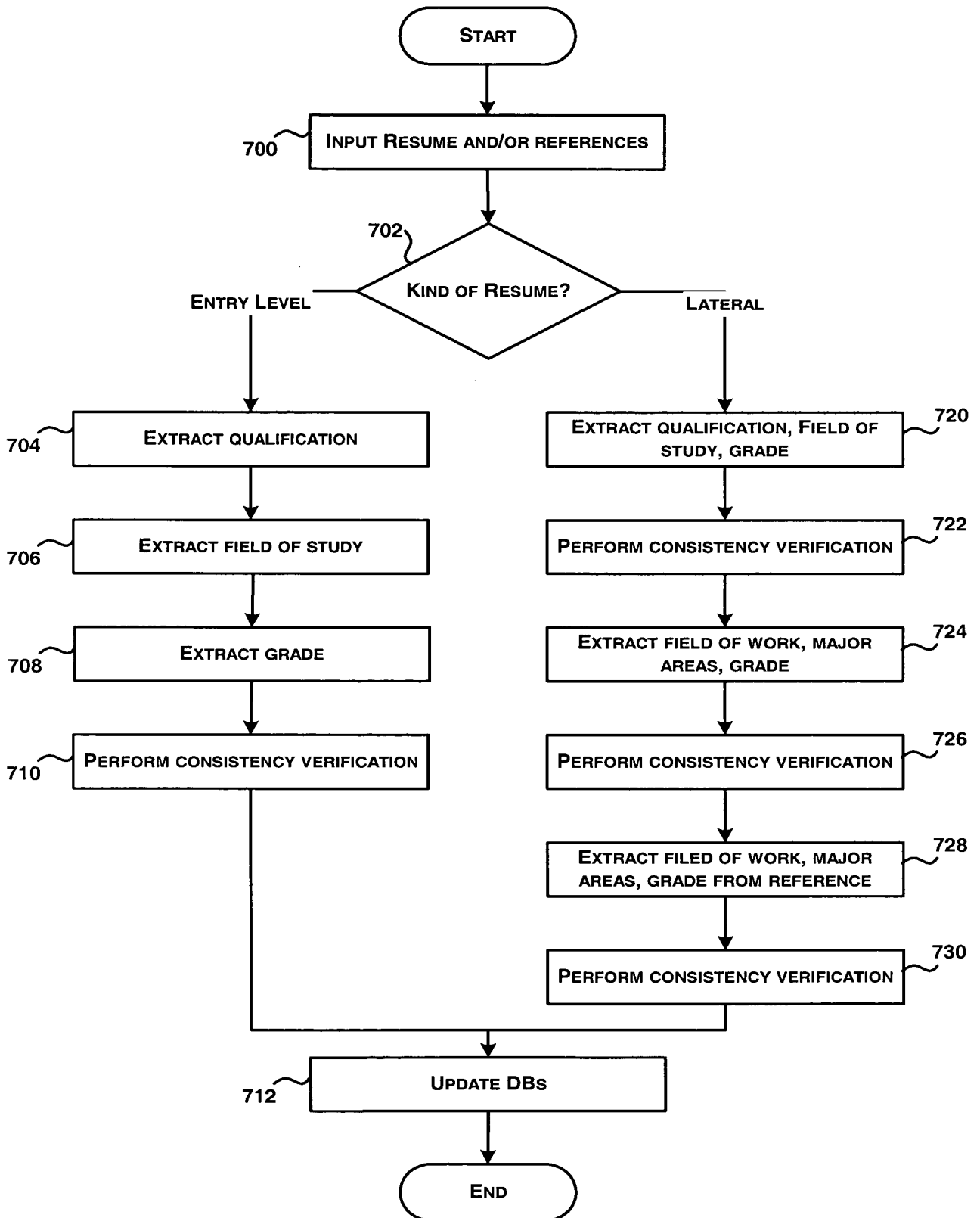


FIG. 7: RESUME MANAGEMENT

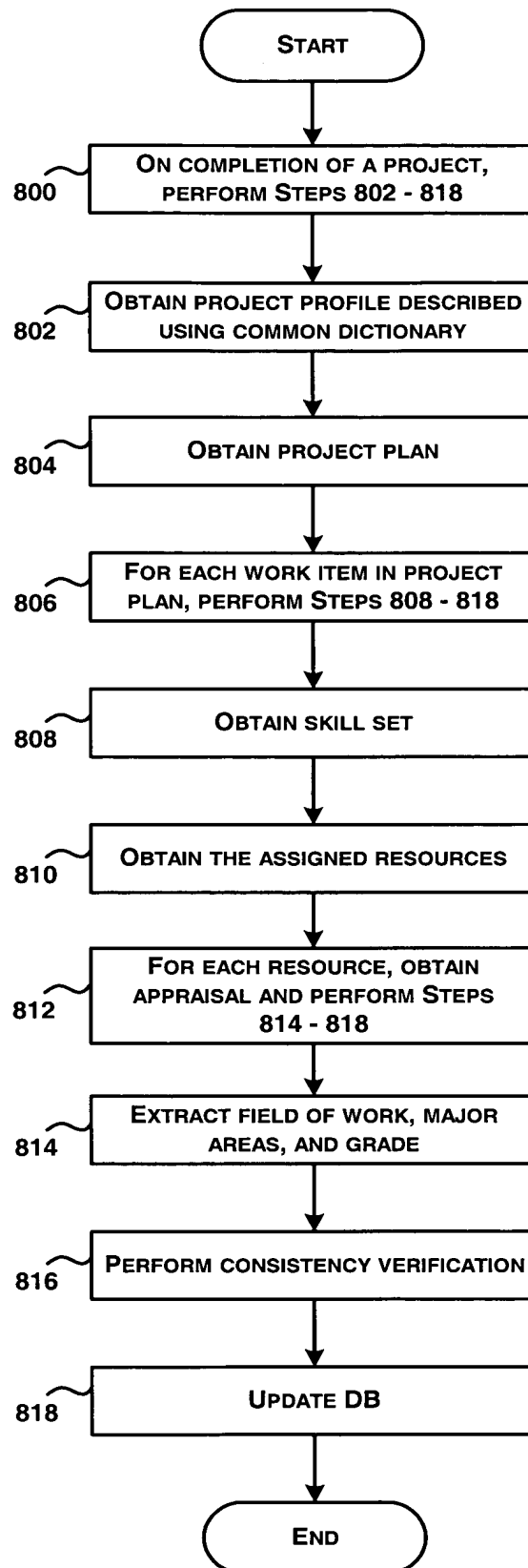


FIG. 8: PROJECT INFORMATION MANAGEMENT

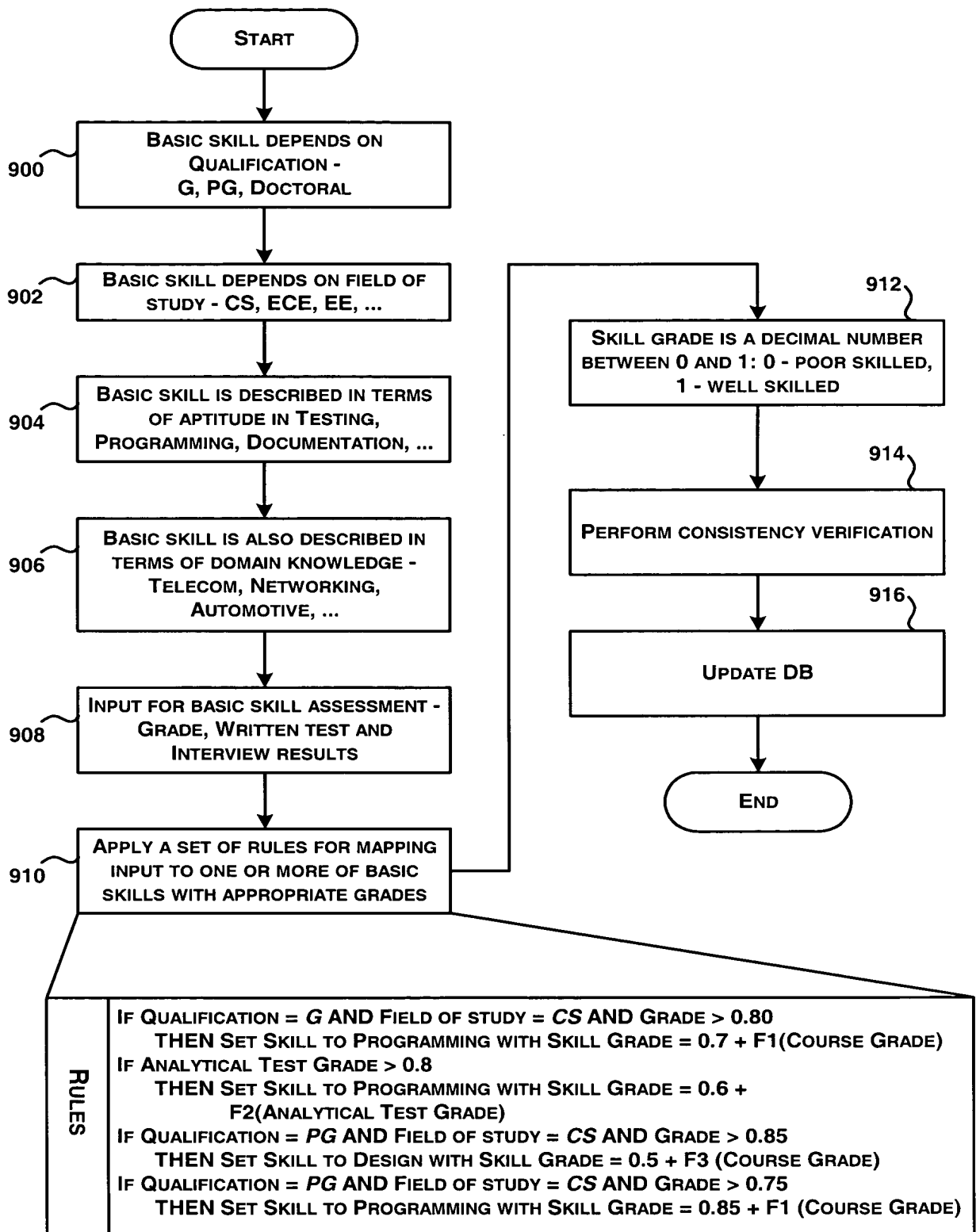


FIG. 9: BASIC SKILL ASSESSMENT

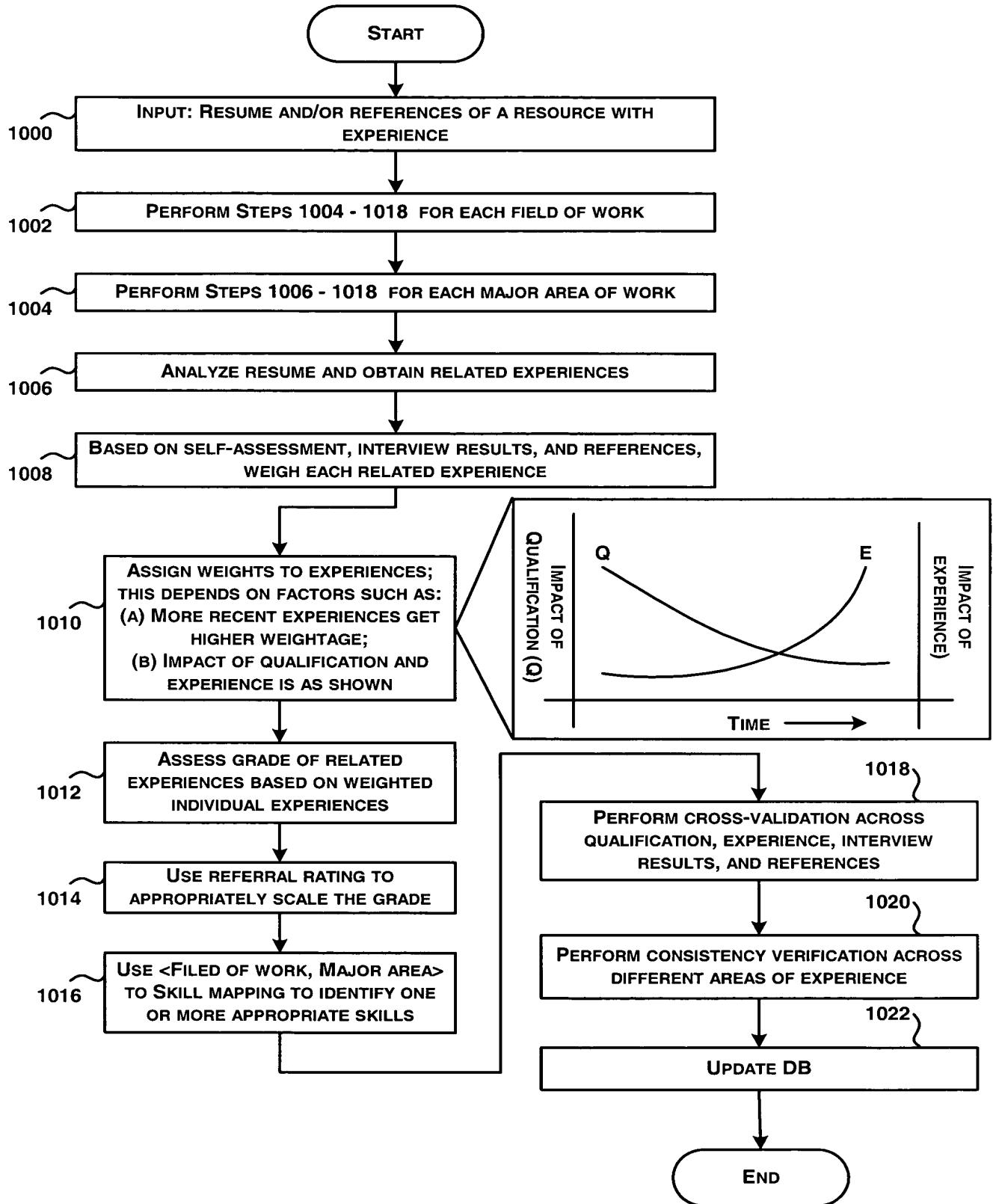


FIG. 10: ADVANCED SKILL ASSESSMENT

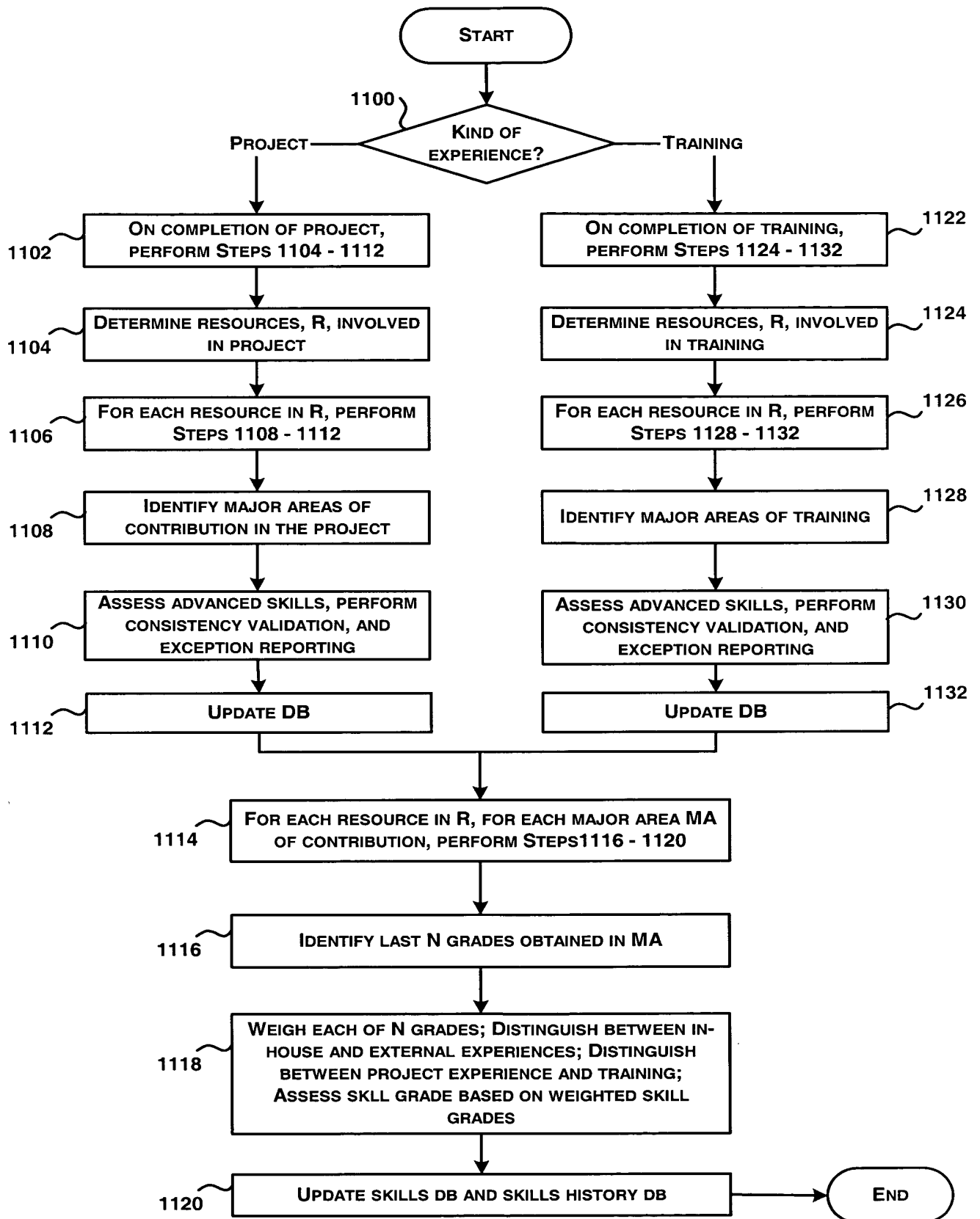


FIG. 11: SKILL EVOLUTION

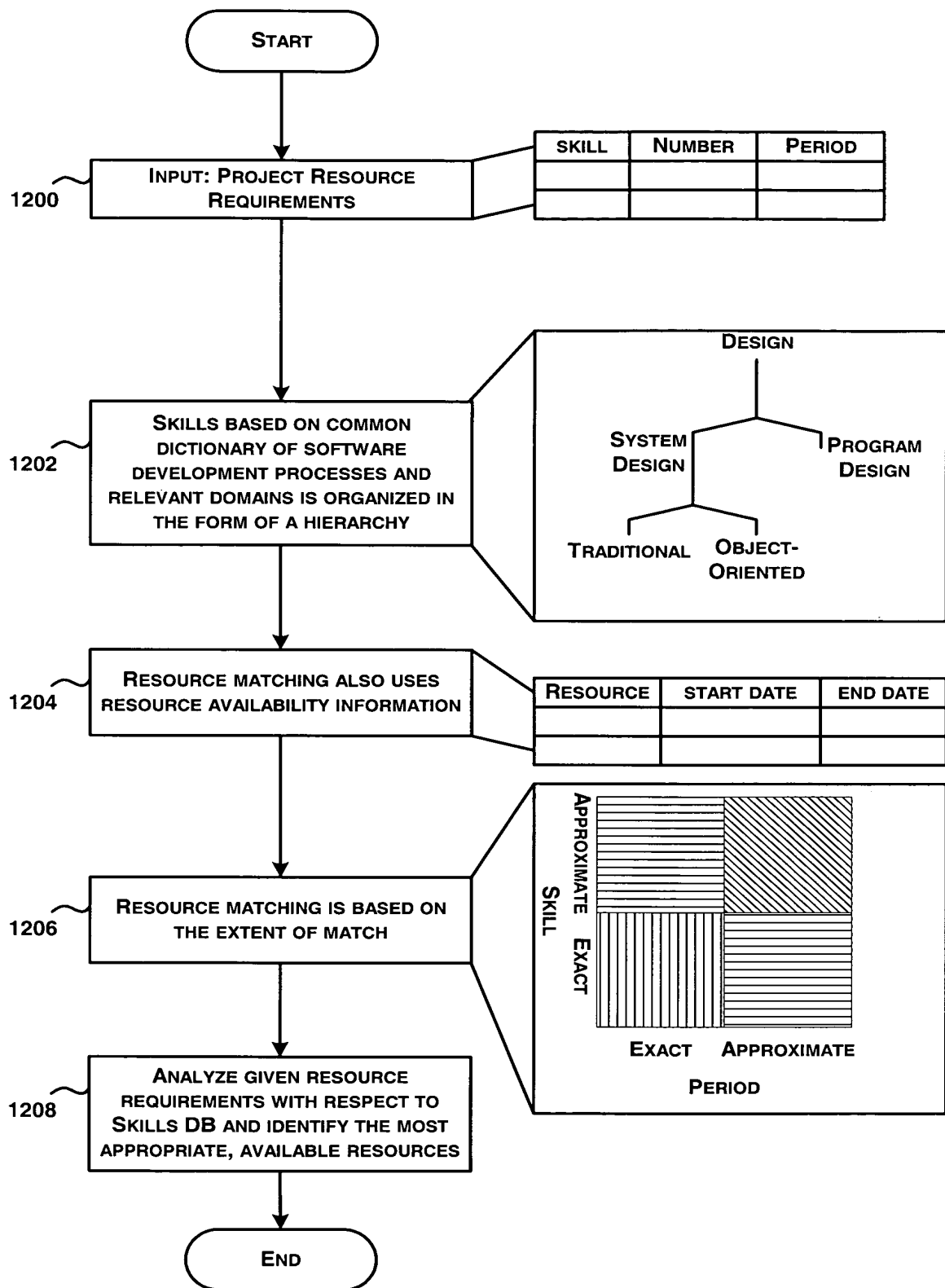


FIG. 12: ASPECTS OF SKILL MATCHING

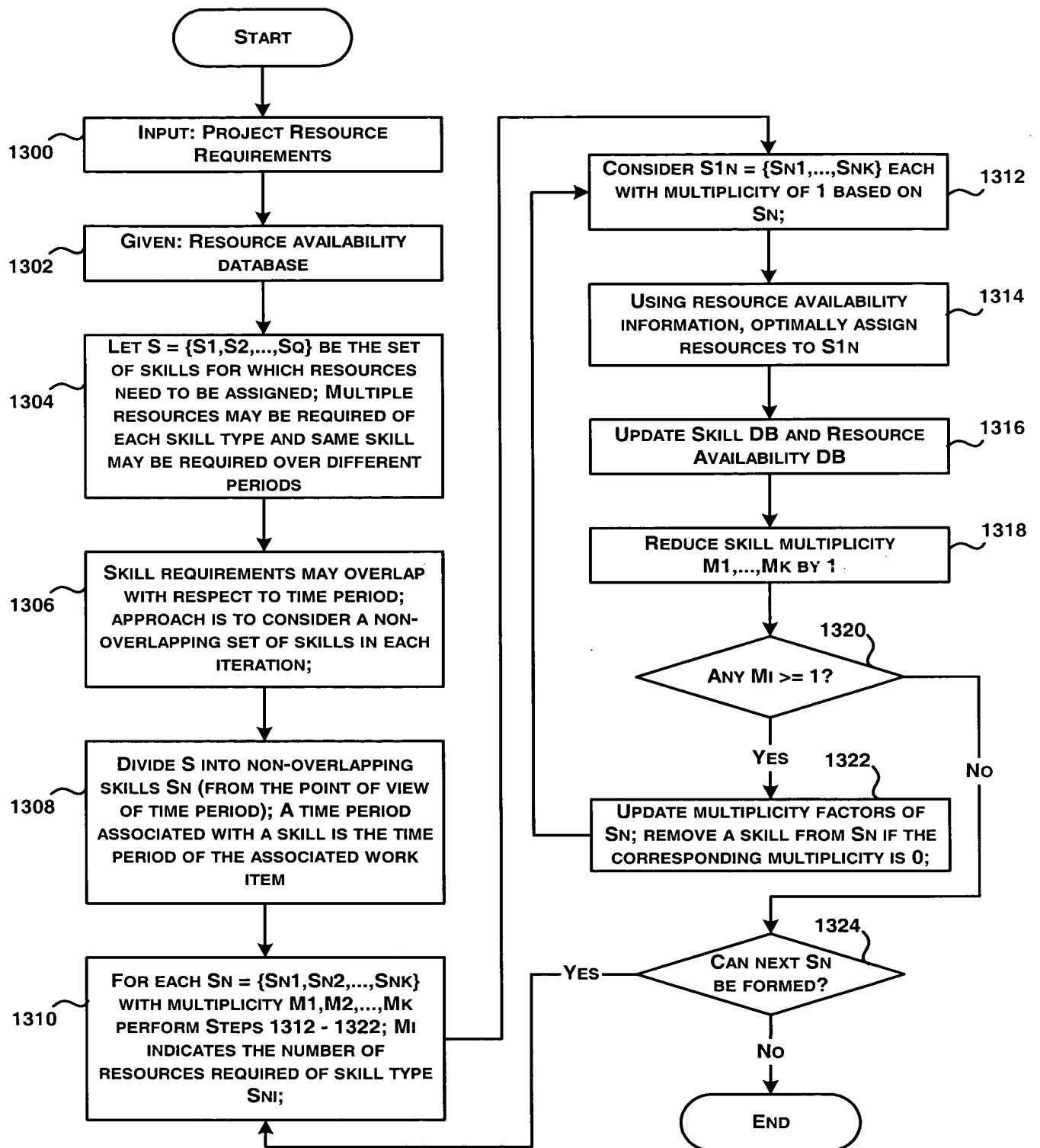


FIG. 13: ITERATIVE SKILL MATCHING

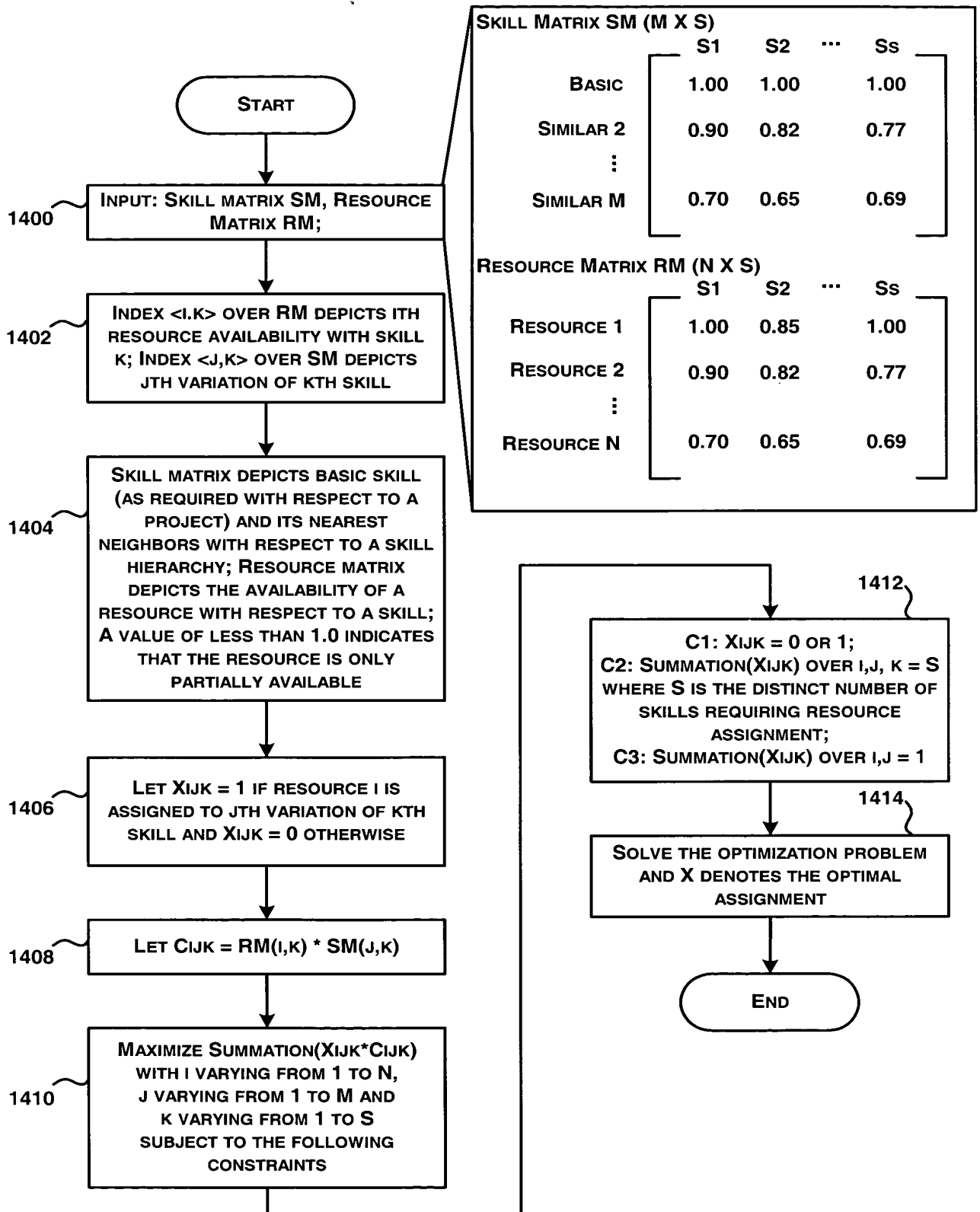


FIG. 14: OPTIMAL ASSIGNMENT OF RESOURCES

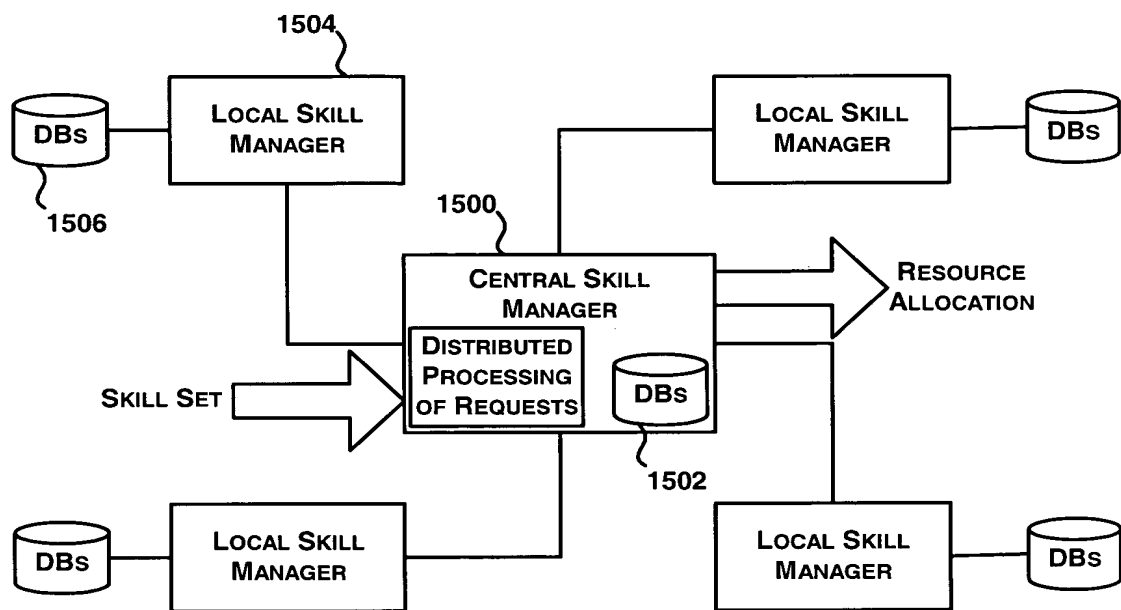


FIG. 15: MULTIPLE SMSs

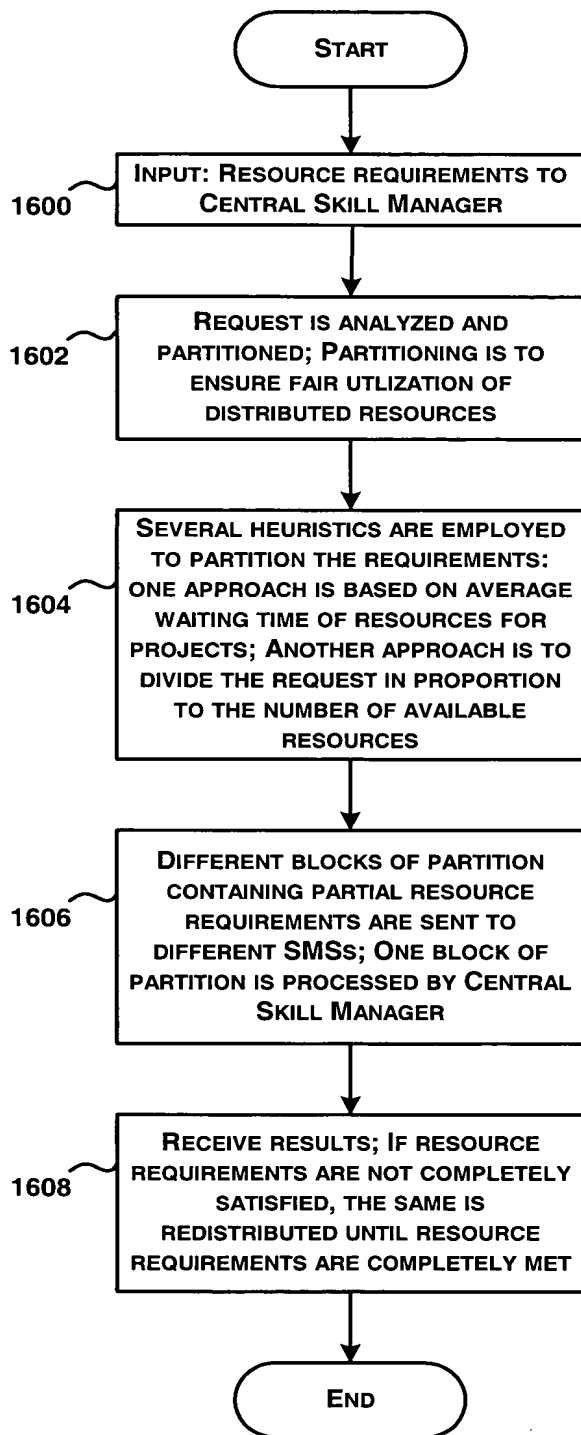


FIG. 16: DISTRIBUTED PROCESSING OF RESOURCE REQUIREMENTS